

61 Louisa Viens Drive Dayville, CT 06241 Fax: 860-774-2689 Phone: 860-774-6814 Toll-Free: 800-334-0103

ANALYTICAL DATA REPORT

prepared for:

Town of Webster Water Dept. 38 Hill Street PO Box 793 Webster, MA 01570 Attn: Doran Crouse

Report Number: E612105 Project: Webster Water Department

> Received Date: 12/01/2016 Report Date: 12/16/2016

> > David Dickinson **Technical Director**





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Report No: E612105

Client: Webster Water Department
Project: Webster Water Department

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

The results presented in this report relate only to the samples received.

This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included, along with a copy of the chain of custody and any subcontracted analyses reports, if applicable, for the sample(s) in this report. Subcontractor results are identified by 'SUB' next to the analysis.

Microbac Laboratories, Inc. received seven samples from Webster Water Department on 12/01/2016. The samples were analyzed for the following list of analyses in accordance with MA DEP regulations unless otherwise indicated:

Iron & Manganese by ICP by 200.7 200.7[3000] Perchlorate by 314 in DW 120.1, 314.0 Manganese by ICP by 200.7 200.7[3000]

Non-Conformances: Work Order:

None

Sample:

None

Analysis:

None



CIO4

Data Entered

Perchlorate Report

☐ Disapproved

☐ Accepted

NS ID #:	2316	200				City / Town		complete this					
WS Name:		ter Water Dep	 partment			Oity / Tollin	_	/S Class:	CON	ı V	NTNC	\Box	TNC
DEP LOCATION			DEP Location I	Name			Sample Information		Sample Acidified		Date Collected	Collec	ted By
(LOC) ID# 1ULT 1	Memorial	Beach Sta #1				☑ (M)ultiple		R)aw F)inished	Yes □	1:	2/1/2016	J. Patte	son
Routine or		Origina	I, Resumitted or	,		L (U)ingic		If Resubmitted,	list below				
Special Sample		•	mation Report			(1) Reason t	or Resubmis	sion	(2)	Collec	tion Date of C	riginal Sa	mple
☑ RS □ SS	Ø	Original Re	esubmitted	Confirmation	n 🗆 Res	sample Rea	nalysis 🗆 I	Report Correction					
AMPLE NOTES - (Su	ch as, if a l	Manifold/Multiple	sample, list the	sources that	were on-line during	g sample collect	ion).						
ANALYTICAL L	ABORAT	ORY INFORM	IATION										
imary Lab MA C	ert. #:	M-CT008	Primary I	Lab Name:	Microbac L	aboratories,	Inc.		S	ıbcoı	ntract? (Y/	N)	Υ
nalysis Lab MA (M-MA009	≓ ĭ	Lab Name		County Lab					¬ `	•	
CONTAMINANT		Result	Units	MCL	MDL	MRL	Lab Method	I Date Ana	lyzed		La		
		Rooun							yzou		Samp	le ID#	
PERCHLORATE	ND		µg/L	2.0	1.		314.0	12/08/2016		E612			
ONDUCTIVITY	560		umhos/cm		2.	0	120.1	12/08/2016		E612	105-1		
erchlorate concentration: ositively present but tent Il field samples analyzed erchlorate spike approxin AB SAMPLE NOTES	atively quanti with either E	fied). PA Method 314.0 or	EPA Method 314.1							d withou	ta		
	ike Recov	ery (required for	or results betv	veen 0.8 µg	/L and 2.0 µg/L o	or samples sub	ject to pret	reatment in me	ethod EPA	314.0)		
Compound	1	Result (μg/L)	MDL (µg/L)	MR (µg/	Con	Spike centration	Spike Recovery	L	ab Method		Da	te Analyze	d
	1				Con	•	•	L	ab Method		Da	te Analyze	d
Compound Perchlorate	1				Con	centration	Recovery	L	ab Method		Da	te Analyze	ed
Perchlorate (reanalysis) Perchlorate (spike)	rtify under	(µg/L) r penalties of late and the information	(μg/L) w that I am the ation contained	e person	Con	centration (µg/L)	Recovery (µg/L)	or Signature			Dodaf -	te Analyze	od

Comments



CIO4

PWS ID #:							omplete this					
	2316000	Ť	,	oumpung com	City / Town:	Webster,	•					
NS Name:	Webster Water D	 Department				PWS	S Class:	СОМ	V	NTNC		TNC
DEP LOCATION (LOC) ID#		DEP Location	Name			Sample Information		Sample Acidified?		Date Collected	Collect	ed By
RW-04G	Sta #1 Well #1				☐ (M)ultiple ☑ (S)ingle	☑ (R)aw)inished	Yes □	12	2/1/2016	J. Patters	on
Routine or		ginal, Resumitted or	r			ŀ	f Resubmitted, li	1	allasí	ion Data of C	wining! Con	
Special Sample ☑ RS □ SS		Resubmitted	Confirmation	☐ Resa	(1) Reason fo			(2) C	oneci	ion Date of C	riginai sar	ipie
AMPLE NOTES - (Su	ch as, if a Manifold/Multi	ple sample, list the	sources that v	were on-line during	sample collection	on).						
ANALYTICAL L	ABORATORY INFO	RMATION										
rimary Lab MA C	Sert. #: M-CT008	Primary	Lab Name:	Microbac La	boratories, I	nc.		Su	bcor	ntract? (Y/	N)	Υ
nalysis Lab MA			Lab Name	Barnstable (County Lab			-			•	
CONTAMINANT	Result	Units	MCL	MDL	MRL	Lab Method	Date Anal	yzed		La Samp		
PERCHLORATE	ND	μg/L	2.0	1.0	3	14.0	12/08/2016	E	612	105-2		
ONDUCTIVITY	190	umhos/cm		2.0	1	20.1	12/08/2016	E	612	105-2		
	d with either EPA Method 314. mately equal to the native per		with measured r	native perchlorate cond	centrations between	0.8 μg/L and 2.0) μg/L must be retes	sted with and	withou	t a		
AB SAMPLE NOTES												
Reanalysis and Sp	ike Recovery (require						eatment in met	hod EPA	314.0)		
Reanalysis and Sp	ike Recovery (require Result (μg/L)	MDL (µg/L)	ween 0.8 μg/ MRI (μg/l	- Conc	r samples subj Spike entration µg/L)	Spike Recovery (µg/L)		hod EPA	314.0		te Analyze	l
	Result	MDL	MRI	- Conc	Spike entration	Spike Recovery			314.0		te Analyze	l
Compound Perchlorate	Result	MDL	MRI	- Conc	Spike entration	Spike Recovery			314.0		te Analyze	ı
Compound Perchlorate (reanalysis) Perchlorate (spike)	Result	MDL (μg/L) of law that I am the	MRI (µg/L	- Conc	Spike entration µg/L)	Spike Recovery (µg/L)	La or Signature:	b Method	and	Dalant -	te Analyze	
Compound Perchlorate (reanalysis) Perchlorate (spike) I ce outhorized to fill our oue, accurate and our output of the contract of the contr	Result (µg/L) ertify under penalties of this form and the infocomplete to the best enot submitting results of	MDL (μg/L) of law that I am the cormation contained extent of my known	MRI (µg/L e person d herein is ledge	Conc. (I	Primary L	Spike Recovery (µg/L) ab Directo	or Signature: Date:	b Method 12/16/2 0 days after	016	Dad mf. —		



CIO4

	2316000				Cit	y / Town:	Webster,	MA										
NS Name:	Webster Water D	epartment					PWS	Class:	СОМ		NTNC		TNC					
DEP LOCATION (LOC) ID#		DEP Location	Name				Sample Information		Sample Acidified?		Date Collected	Colle	cted By					
RW-05G	Sta #1 Well #2					□ (M)ultiple ☑ (S)ingle	☑ (R □ (F)	inished	Yes □	12	/1/2016	J. Patte	rson					
Routine or Special Sample	_	nal, Resumitted o	,			1) Reason fo	lf r Resubmissi	Resubmitted, lis		ollecti	ion Date of C	riginal S	ample					
☑ RS □ SS		•	Confirma	ation	□ Resample	e □ Rean	alysis □ Re	port Correction					-					
	ch as, if a Manifold/Multip		sources t	hat were or	ı-line during san	nple collection	on).				contract? (Y/N)							
		_		Mic	robac Labo	ratorios I	nc						Y					
rimary Lab MA (-	Lab Nan	··· =	robac Labor		nc.		Sul	bcon	tract? (Y/ □	N)	LI.					
nalysis Lab MA	Cert. #: M-MA009	Analysis	Lab Na	me: Bar	nstable Cou	ınty Lab					ntract? (Y/N)							
CONTAMINANT	Result	Units	MCL	MDL	_ N	/IRL	Lab Method	Date Analy	zed		La Samp	ıb le ID#						
PERCHLORATE	ND	μg/L	2.0	0.050	1.0	3	14.0	12/08/2016	E	6121	05-3							
CONDUCTIVITY	420	umhos/cm		1.0	2.0	1	20.1	12/08/2016	E	6121	05-3							
erchlorate analysis requ	ires the use of a Massachusett	s DEP approved labo	ratory.			<u> </u>		ı	<u> </u>									
ositively present but tent	as between the Minimum Detectatively quantified). I with either EPA Method 314.0 mately equal to the native perc	or EPA Method 314.1	1 with measu						ted with and v	without	а							
AB SAMPLE NOTES																		
AD OAMI LE NOTEO																		
AB OAIIII EE NOTES																		
Reanalysis and Sp	nike Recovery (required	d for results bet		μg/L and	Spike)	Spike			314.0)								
						ation			hod EPA 3	314.0)		te Analyz	ed					
Reanalysis and Sp	Result	MDL		MRL	Spike	ation	Spike Recovery			314.0)		te Analyz	ed					
Reanalysis and Sp Compound Perchlorate	Result	MDL		MRL	Spike	ation	Spike Recovery			314.0)		te Analyz	ed					
Compound Perchlorate (reanalysis) Perchlorate (spike)	Result	MDL (µg/L)	e person d herein i	MRL (µg/L)	Spike Concentr (µg/L)	ation	Spike Recovery (µg/L)	r Signature:		and		te Analyz	ed					



CIO4

WS ID #:	2316000				С	ity / Town:	Webster,	MA					
WS Name:	Webster Water	Department					PWS	S Class:	СОМ	$\overline{\mathbf{V}}$	NTNC		TNC
DEP LOCATION (LOC) ID#		DEP Location	Name				Sample Information		Sample Acidified?		Date Collected	Col	lected By
RW-06G	Sta #1 Well #3					☐ (M)ultiple ☑ (S)ingle	☑ (R	R)aw	Yes □	12	2/1/2016	J. Pat	terson
Routine or		iginal, Resumitted o	r			<u> </u>	<u> </u>	f Resubmitted, lis	1	`allast	ion Date of (riginal	Comple
Special Sample ☑ RS □ SS		Confirmation Report ☐ Resubmitted ☐	Confirma	ation	□ Resam	• •		eport Correction	(2)	onect	ion Date of C	Jilgillai	Sample
AMPLE NOTES - (Su	ich as, if a Manifold/Mul	tiple sample, list the	sources t	hat were on-	line during sa	ample collect	ion).						
ANALYTICALI	ABORATORY INFO												
imary Lab MA (_	l ah Nan	Micro	obac Labo	oratories.	Inc.			hcon	tract? (Y/	NI	ΙΥ
nalysis Lab MA				····	stable Co				Ju	DCOI		14)	Ŀ
	Cert. #. [W W// to	Allalysis	Lab Na	ille. Bairi	0.00.00	anty Eas						ab	
CONTAMINANT	Result	Units	MCL	MDL		MRL	Lab Method	Date Analy	zed			ole ID#	
PERCHLORATE	ND	μg/L	2.0	0.050	1.0		314.0	12/08/2016	E	E6121	05-4		
ONDUCTIVITY	440	umhos/cm		1.0	2.0		120.1	12/08/2016	E	E6121	05-4		
ositively present but tent	ns between the Minimum Del tatively quantified). In with either EPA Method 31- mately equal to the native pe	4.0 or EPA Method 314.	1 with measu						ted with and	without	а		
AB SAMPLE NOTES													
Reanalysis and Sp	Result	MDL		μg/L and 2 MRL μg/L)	.0 μg/L or s Spil Concen	ke	ject to pretre Spike Recovery		hod EPA	314.0		ite Anal	/zed
Perchlorate (reanalysis)	(49/-)	(μg/L)		µ9/=/	(µg/	L)	(µg/L)						
Perchlorate (spike)													
uthorized to fill ou	ertify under penalties It this form and the int complete to the best	formation containe	d herein i	s	•	Primary	Lab Directo	or Signature:	12/16/2		Indraft -		
,													
lf i	not submitting results in which TATUS (Initial & Di	you received this						no later than 10	days afte	er the	end of the	month	



CIO4

I. PWS INFORMA	TION: Please refer to	o vour DEP Wa	ter Qualit	ry Sampling (Schedule (WQ	SS) to hel	p complete this	form				
PWS ID #:	2316000		ioi quani	y cumpung c	City / Tow		ter, MA					
PWS Name:	Webster Water D	epartment				_	PWS Class:	СОМ	V	NTNC		TNC
DEP LOCATION (LOC) ID#		DEP Location N	Name			Sample Informati		Sample Acidified?		Date Collected	Colle	cted By
RW-07G	Sta #1 Well #4				☐ (M)ultip ☑ (S)ingle	l l	☑ (R)aw □ (F)inished	Yes □	12	2/1/2016	J. Patte	rson
Routine or	_						If Resubmitted, I					_
		•	Confirmati	on \square				(2) (Collect	tion Date of C	riginal Sa	ample
	<u> </u>				<u> </u>		2 Troport Correction					
Special sample Confirmation Report (1) Reason to Resubmission (2) Confirmation Resubmission (2) Confirmation Resubmission (3) Confirmation Resubmission (4) Confirmation Resubmission (2) Confirmation Resubmission (3) Confirmation Resubmission (4) Confirmation (2) Confirmation (3) Confirmation (4) Confirmation (4) Confirmation (5) Confirmation (6) Confirmation (6) Confirmation (7) Reason to Resubmission (7) Reason to Resubmission (8) Confirmation (8) Confirmation (8) Confirmation (9) Confirmation (9) Confirmation (1) Reason to Resubmission (1) Reason to Resubmission (2) Confirmation (2) Confirmation (3) Confirmation (4) C												
Special Sample												
Special Sample Confirmation Report RS SS Original Resubmitted Confirmation SAMPLE NOTES - (Such as, if a Manifold/Multiple sample, list the sources that were on-line II. ANALYTICAL LABORATORY INFORMATION Primary Lab MA Cert. #: M-CT008 Primary Lab Name: Microba Analysis Lab MA Cert. #: M-MA009 Analysis Lab Name: Barnsta	e: Microbac	Laboratories	s, Inc.		Su	bcor	ntract? (Y/I	N)	Υ			
Δnalvsis I ah MΔ	Cert # M-MA009	Analysis	l ah Nam	Barnstab	le County La	b				7		
,					MRL	Lab Meth	nod Date Anal	yzed				
PERCHLORATE	ND	μg/L	2.0 0	.050	1.0	314.0	12/08/2016		E612	105-5		
CONDUCTIVITY	410	umhos/cm	1	.0	2.0	120.1	12/08/2016		E612	105-5		
Perchlorate analysis req	uires the use of a Massachusett	ts DEP approved labora	atory.		l	1						
Perchlorate concentration positively present but ter	ons between the Minimum Detect ntatively quantified).	tion Limit (MDL) and th	ne Minimum R	leporting Limit (MRL	L) must be reported as	s estimated (J)	values (i.e perchlorate is	3				
	ed with either EPA Method 314.0 kimately equal to the native perc		with measure	d native perchlorate	e concentrations between	een 0.8 µg/L ar	nd 2.0 μg/L must be rete	sted with and	withou	ta		
LAB SAMPLE NOTES	3											
Reanalysis and S	pike Recovery (require	d for results betv	veen 0.8 µ	g/L and 2.0 μg/	/L or samples s	ubject to pr	retreatment in me	thod EPA	314.0)		
Compound	Result (μg/L)	MDL (µg/L)		IRL g/L)	Spike Concentration (µg/L)	Spike Recove (µg/L	ery La	ab Method		Dat	te Analyz	ed
Perchlorate (reanalysis)												
Perchlorate (spike)												
authorized to fill or	ertify under penalties of ut this form and the infol I complete to the best ex	rmation contained	d herein is		Primar	y Lab Dire	ector Signature:			Interf -		
								12/16/2				
		ou received this i					fice no later than 1 porting period, wh				month	
DEP REVIEW S □ Accepted	STATUS (Initial & Dat □ Disappro	,		Revie Commer	I						□ We	QTS Entered



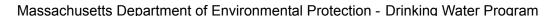
CIO4

WS ID #:	2316000				С	ity / Town	Webster,	MA					
WS Name:	Webster Water I	 Department					PW	S Class:	СОМ	$\overline{\mathbf{V}}$	NTNC		TNC
DEP LOCATION (LOC) ID#		DEP Location	Name				Sample Information		Sample Acidified?		Date Collected	Col	lected By
RW-08G	Sta #1 Well #5					☐ (M)ultiple ☑ (S)ingle	,	R)aw F)inished	Yes □	12	2/1/2016	J. Pat	terson
Routine or		iginal, Resumitted or	r				,	If Resubmitted, lis	1	allast	ion Date of (riginal	Comple
Special Sample ☑ RS □ SS		nonfirmation Report Resubmitted	Confirma	ation	□ Resam			eport Correction	(2)	onect	ion Date of C	Jilgillai	Sample
AMPLE NOTES - (Su	ch as, if a Manifold/Mult	tiple sample, list the	sources t	hat were on-	line during s	ample collect	ion).						
ANALYTICALI	ABORATORY INFO												
imary Lab MA (l ah Nan	Micro	obac Lab	oratories,	Inc.		9	heon	tract? (Y/	NI	Y
nalysis Lab MA	1414400			····		ounty Lab			- Su	DCOI		14)	<u> </u>
	Cert. #. [W W to c	Allalysis	Lab Na	ille. Bairi		onty Eas						ab	
CONTAMINANT	Result	Units	MCL	MDL		MRL	Lab Method	Date Analy	zed			ole ID#	
PERCHLORATE	ND	μg/L	2.0	0.050	1.0		314.0	12/08/2016	E	E6121	05-6		
ONDUCTIVITY	1200	umhos/cm		1.0	2.0		120.1	12/08/2016	E	6121	05-6		
ositively present but tent	is between the Minimum Detatively quantified). If with either EPA Method 314 mately equal to the native pe	4.0 or EPA Method 314.1							ted with and	without	а		
AB SAMPLE NOTES													
Reanalysis and Sp	Result	ed for results bet		μg/L and 2 MRL μg/L)	Spi Concen	ke tration	Spike Recovery		hod EPA	314.0		ite Anal	yzed
Perchlorate (reanalysis)					(hā	/L)	(µg/L)						
Perchlorate (spike)													
uthorized to fill ou	ertify under penalties of t this form and the info complete to the best of	formation containe	d herein i	s		Primary	Lab Directo	or Signature:	12/16/2		Johns -		
de, accurate and													
lf i	not submitting results	electronically, mai you received this	I <u>TWO</u> co					no later than 10	days afte	er the	end of the	month	



CIO4

	004000		7					10/ 1 /						_
PWS ID #:	2316000						City / Towr	ı: Webster,	MA					
WS Name:	Webster Wa	ater Dep	partment					PWS	S Class:	COM	\checkmark	NTNC		NC
DEP LOCATION (LOC) ID#			DEP Location	Name				Sample Information		Sample Acidified?		Date Collected	Collected	і Ву
03G	Sta #3 Bigelow	Rd.					☐ (M)ultipl ☑ (S)ingle	,)aw)inished	Yes □	1	2/1/2016	J. Patterso	n
Routine or		_	I, Resumitted or	r			(1) 5		f Resubmitted, I					
Special Sample ☑ RS □ SS	☑ Origin		esubmitted	Confirms	ation	□ Resa	. ,	analysis		(2) (Jolled	tion Date of O	riginal Samp)IE
SAMPLE NOTES - (Su									Sport Correction					
ANALYTICAL L	ABORATORY	INFORM	MATION											
rimary Lab MA (ert. #: M-C	T008	Primary	Lab Nar	ne: Mic	robac Lal	ooratories	, Inc.		Su	bco	ntract? (Y/I	v) [Y
nalysis Lab MA	Cert #: M-N	A009	Analysis	I ah Na	me. Bai	rnstable C	ounty Lab)		_		_		
	Oct. #. [Analysis	Lab Iva										
CONTAMINANT	Resul	t	Units	MCL	MD	L	MRL	Lab Method	Date Anal	yzed		La Samp		
PERCHLORATE	ND		μg/L	2.0	0.050	1.0		314.0	12/08/2016		E612	105-7		
CONDUCTIVITY	430		umhos/cm		1.0	2.0		120.1	12/08/2016		E612	105-7		
Perchlorate concentration positively present but tent All field samples analyzed perchlorate spike approxi	atively quantified). with either EPA Meth	od 314.0 or	EPA Method 314.1	with measu			·				withou	ut a		
AB SAMPLE NOTES														
Reanalysis and Sp	ike Recovery (re	equired t	or results bet	ween 0.8	μg/L and				eatment in me	thod EPA	314.0	D)		_
Compound	Result (μg/L)		MDL (μg/L)		MRL µg/L)	Conce	ntration	Spike Recovery	La	b Method		Dat	te Analyzed	
Perchlorate (reanalysis)						(μ	g/L)	(µg/L)						
Perchlorate (spike)														
											$\overline{}$	<u> </u>		_
authorized to fill ou		ne inform	ation containe	d herein l	s		Primary	Lab Directo	or Signature:			Bodref -		
true, accurate and	complete to the	best exte	ent of my know	ledge					Date:	12/16/2	2016	3		
lf i	not submitting re in v		ctronically, mai received this										month	
DEP REVIEW S						Review							□ WQT	
☐ Accepted	□ Dis		1		1 0	omments I							Data Fr	



□ WQTS

Data Entered



DEP REVIEW STATUS (Initial & Date)

□ Disapproved

 \square Accepted

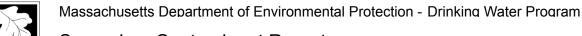
Secondary Contaminant Report

I. PW	S INFORMATIO	N: PI	ease	refer to	your	DEP W	/ater Qu	uality S	amplir	ng Sche	dule (V	VQSS) t	o help con	nplete	this fo	rm						
PWS	ID #:	2316	000							C	City / To	own: V	Vebster, M.	A								
PWS	Name:	Webs	ster V	/ater De	epartm	nent							PWS (Class:		СОМ		N	TNC			LNC
	DEP LOCATION (LOC) ID#					DEP Loc	cation Na	me				Sample	e Information		Date C	Collected	1		Coll	ected I	Ву	
Α	MULT 1	М	lemori	al Beach	Sta#	1						I)ultiple)ingle	□(R)aw ☑(F)inish	ıed	12/1/20	016	J. I	Patte	rson			
В	RW-04G	s	ta #1	Well #1								l)ultiple)ingle	☑(R)aw		12/1/20	016	J. I	Patte	rson			
											<u>M</u> (S)ingie	□(F)inish	ıbmitted	Report	list helo	w					
	Routine or Special Sample			0	•	Resubmi mation Re					(1) Reas	on for Re	submission	ibiiiittou		(2) Coll		Date	of Ori	ginal S	amp	le
_	Ø RS □ S	_	V	Original		submitted		nfirmatio	n F				☐ Report C	orrection		(=)				J		
	☑ RS □ S			Original			d 🗆 Co			· '			☐ Report C									
									-			Januiyolo										
_	SAMPLE NOTES	•																				
IRC MAI ALL CAL MAA HAI PO																						
B A B A B III. AN Anal IRC MA ALL CAI HALL CHI COI COI																						
II. AN	NALYTICAL LA	BORA	TORY	/ INFOR	RMATI	ON																
					Η.			Г							_	_						·
Prim	ary Lab MA Ce	rt. #:	M-	CT008	' '	Primary	y Lab N	ame:	Microb	oac Lab	orato	ries, Ind	C.			Su	bcon	tract	? (Y/	N)		N
Anal	ysis Lab MA Ce	rt. #:	M-	CT008	\Box ,	Analysi	is Lab I	Name:	Microl	oac Lab	orato	ries, Ind	D.									
	Contaminan				Resu	ults		SMCL		MDL		Lab Me	thad	1	Date				Lab			
	Contaminan			Α		В		SWICE	((mg/L)		Lab We	tilou	An	alyzed			s	Sample			
IRO	N (mg/L)			ND	6	5.4	0	.3	0.0	51	200.7	,		12/2/2	2016	E6	12105	5-1, E	- 612	105-2	2	
MAI	NGANESE (mg/	'L)		0.073	().59	0	.05*	0.0	020	200.7	•		12/2/2	2016	E6	12105	5-1, E	E612	105-2	2	
ALK	ALINITY (mg/L	as Ca	aCO				n	one														
CAL	_CIUM (mg/L)						n	one														
	GNESIUM (mg/						n	one														
	RDNESS (mg/L		iCO:				n	one														
	TASSIUM (mg/L	.)					n	one														
	RBIDITY (NTU)							one														
	JMINUM (mg/L)							.2														
	LORIDE (mg/L)							50														
	LOR (C.U)						1	5														
	PPER (mg/L)						3															
рH	OR (T.O.N)						-	.5 to 8.	5					1								
_	/ER (mg/L)							.10 o.	J					1								
	FATE (mg/L)							50														
	6 (mg/L)							00														
	C (mg/L)						5															
* E	PA has establisl	ned a	lifetir	ne Heal	th Adv	isory (l	HA) for	manga	nese a	t 0.3 mg	JL and	an acu	te HA at 1.	0 mg/L		,						
	LAB SAMPLE N					- `																
Α	LAB OAMI EE IK	J.LU																				
В																						
	l certi porized to fill out th , accurate and co	is forn	n and		mation	contain	ned here				Prin	nary Lal	o Director	_	_	2/16/2	016	ded my	! -			
	If not	submi	_			-						_	nal Office no the reporting			-			of the	month	h	

Review

Comments





Secondary Contaminant Report

	INFORMATIC			ur DEP Water	Quality San				-	ilis ioilii						
PWS I	D#: [2316000				Ci	ity / Town:	Webster, MA	١							_
ا SW	Name:	Webster V	Vater Depar	rtment				PWS C	lass:	COM	/ <u>v</u>	1	NTNC		TNC	
	DEP LOCATION (LOC) ID#			DEP Location	Name		Sam	ple Information		Date Collec	ted		Coll	ected By	,	
A)3G	Sta #3	Bigelow Rd.				☐ (M)ultiple ☑ (S)ingle	□(R)aw ☑(F)inishe	ed	12/1/2016		J. Pa	tterson			
В							(e)g.c	_(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								_
	Routine or		_	nal, Resubmitted o	or		1) December For F		omitted F	Report, list be		ian Da	to of Ori	nimal Car		
	Special Sample ☑ RS □ S			Resubmitted	Confirmation	· ·	1) Reason for F	s Report Cor	rrection	(2) 0	onect	ion Da	te of Ori	ginai Sar	пріе	_
A	<u>M</u> K2 □ 3	3	Original 🗀	recommed _	Commindion	- Resumple	- Troundryon	Report con								_
В	244DI E NOTE															=
Α	SAMPLE NOTES	•														_
																_
В																
AN	ALYTICAL LAE	BORATOR	Y INFORMA	TION												Ī
ima	ry Lab MA Cer	t. #: M-	-CT008	Primary Lab	Name: Mi	crobac Labo	oratories, Ir	nc.		s	ubc	ontra	ct? (Y/	N)	N	-
				,	_											-
naly	sis Lab MA Ce	ert. #: [M-	-CT008	Analysis La	b Name: Mi	crobac Labo	oratories, Ir	nc.								
	Contaminant	ı	R	esults	SMCL	MDL	Lab N	/lethod		ate			Lat)		
	Contaminant		A	В	Omoz	(mg/L)	Lub II	nothou	Ana	alyzed			Sample			
	I (mg/L)				0.3											
	GANESE (mg/		0.15		0.05*	0.0020	200.7		12/2/2	016 E	6121	105-7	•			_
	LINITY (mg/L	as CaCO			none											_
	CIUM (mg/L)				none											_
	NESIUM (mg/l				none											_
	ONESS (mg/L				none											_
	ASSIUM (mg/L	.)			none											_
	BIDITY (NTU)				none											_
	MINUM (mg/L)				0.2											_
	ORIDE (mg/L)				250 15											-
	OR (C.U) PER (mg/L)				15											-
	R (T.O.N)				3											_
<u>эво</u> ъН	1(1.0.11)				6.5 to 8.5											-
	ER (mg/L)				0.10											-
	FATE (mg/L)				250											_
	(mg/L)				500											-
	(mg/L)				5											-
	A has establish	ned a lifetii	me Health A	dvisory (HA) f	or mangane	se at 0.3 mg/	L and an ac	ute HA at 1.0	mg/L.							
_	AB SAMPLE NO															Ī
Α																
В																-
	l certif	fy under per	nalties of law	that I am the pe	erson		Primary L	ab Director S	ignatu	re:	Toke	a dra	²m/-			_
	rized to fill out th						-		-				/			-
rue, a	accurate and cor	npiete to th	e best extent	or my knowledg	ge				Da	te: 12/16	/201	6				

If not submitting results electronically, mail <u>TWO</u> copies of this report to your DEP Regional Office no later than 10 days after the end of the month in which you received this report <u>or</u> no later than 10 days after the end of the reporting period, whichever is sooner.

DEP REVIEW STATUS (Initial & Date)	Review	□ WQTS
□ Accepted □ Disapproved	Comments	Data Entered



CIO₄

PWS Name:	<u></u>			Cit	ty / Town:	Dayville											
	Micro	bac Laborat	ory, LLC			PWS Class:	COM	\checkmark	NTNC		TNC						
DEP LOCATION (LOC) ID#		DEP Location	Name		Sample	Information	Date C	ollected		Colle	cted By						
	E612105-1B				☐ (M)ultiple ✓ (S)ingle	☐ (R)aw ☐ (F)inished	12/1	/2016	Cus	tomer							
Routine or Special Sample	Original or Res	ubmitted Repo	ort	(1) Rea	lf.i ison for Resubmi	esubmitted Repor		ow: oliection	Date of	Origir	ial Samj	ole					
✓ RS 🗆 SS	✓ Original	Resubmit	ted Res	ample 🔲 f	Reanalysis 🔲 R	eport Correction											
SAMPLE NOTES	S - (Such as, if a Ma	nifold/Multiple	sample, list any	sources th	nat were on-line o	luring collection.)		\$1 0 ,850									
II. ANALYTICA	L LABORATORY	INFORMAT	ION:														
Primary Lab MA	Cert. #: M-MA	009 Prin	nary Lab Name:	Barr	nstable County H	ealth Laboratory		Subco	contracted? (Y/N)								
Analysis Lab MA	Cert. #:	Ana	lysis Lab Name):													
CONTAMINANT	Result	UOM	MCL M	DL	MRL	Lab Method	D	ate Anal	lyzed	Lab	Sample	ID#					
PERCHLORATE	ND	ug/L	2.0 0.0	50	1.0	EPA 314.0		12/8/	2016	1	6976210)1					
CONDUCTIVITY	560	umhos/cm	1.0		2.0	EPA 120.1		12/8/	2016	1	6976210	01					
All field samples wit	th measured native	perchlorate co	ncentrations bet	tween 0.8 u	ıg/L and 2.0 ug/L	must be tested w	ith and w	ithout a	d as estimated (J) valu a perchlorate spike								
approximately equa	al to the native perch	perchlorate co	ncentrations bet	tween 0.8 u	ıg/L and 2.0 ug/L	must be tested w	ith and w	ithout a	perchlo	rate s	oike	one die No do Servição					
All field samples will approximately equa	al to the native perch	perchlorate co llorate concent	ncentrations bet ration.			oles subject to pr	etreatme	ent in m	ethod I	EPA 3⁴	14.0)						
approximately equa	al to the native perch	perchlorate co llorate concent	ncentrations bet ration.	ug/L and 2			etreatme		ethod I	EPA 3⁴		ze d					
approximately equa	ES Dike Recovery (requ	perchlorate co llorate concent	ncentrations bet ration.	ug/L and 2	2.0 ug/L or samp Concentration	oles subject to pr Spike Recove	etreatme	ent in m	ethod I	EPA 3⁴	14.0)	zed					
AB SAMPLE NOTI	ES Dike Recovery (requ	perchlorate co llorate concent	ncentrations bet ration.	ug/L and 2	2.0 ug/L or samp Concentration	oles subject to pr Spike Recove	etreatme	ent in m	ethod I	EPA 3⁴	14.0)	zed					
AB SAMPLE NOTI Reanalysis and Sp Compound Perchlorate (Reanalysis) Perchlorate (Spike) I cer person authorized I contained herein is extent of my knowle	ES Dike Recovery (require Result (ug/L) rtify, under penalties to fill out this form, as true, accurate, and ledge.	perchlorate co llorate concent aired for resul MDL (ug/L)	am the story	ug/L and 2) Spike (2.0 ug/L or samp Concentration (ug/L)	oles subject to pr Spike Recove % Signature;	etreatme ny L	ent in mab Met	nethod I	EPA 3	14.0)):Analy:	2/					
AB SAMPLE NOTI Reanalysis and Sp Compound Perchlorate (Reanalysis) Perchlorate (Spike) I cer person authorized I contained herein is extent of my knowle	ES Dike Recovery (required Result (ug/L) rtify, under penalties to fill out this form, as true, accurate, and ledge.	perchlorate co llorate concent uired for resul MDL (ug/L)	am the electrons between 0.8	ug/L and 2) Spike (Prima	2.0 ug/L or samp Concentration (ug/L) ry Lab Director	oles subject to pr Spike Recove % Signature;	etreatme	ent in mab Meti	nethod I	EPA 3	14.0)):Analy:	2/					





PWS Name: Microbac Laboratory, LLC PVV Criss. Date Collected Collected	Collected By Customer racted? (Y/N) N red Lab Sample ID 216 169762102 216 169762102 22 s estimated (J) values.	ollected Custo /2016 Custo ow: Dilection Date of C Subcontracted Date Analyzed 12/8/2016	Date (12/ ont, list be (2) C	(R)aw (F)Inished submitted Repo sion out Correction ring collection.)	Sample Inf (M)ultiple (V) (S)ingle If rein for Resubmissionalysis Repubmis du	(1) Reaso ple Reaso urces that	Resample, list any sou	Report bmitted	DEP Locat submitted Re Resub	E612105-2B Original or Res	PWS Name: DEP LOCATION (LOC) ID# Routine or Special Sample
EP LOCATION (LOC) ID# DEP Location Name	racted? (Y/N) N red Lab Sample ID/ 216 169762102 218 estimated (J) values.	/2016 Custo ow: Dilection Date of Contracted Date Analyzed 12/8/2016	12/ ont, list be (2) C	(R)aw (F)inished submitted Reposion out Correction ring collection.)	☐ (M)ultiple ☑ (S)ingle ☐ If res n for Resubmiss analysis ☐ Rep were on-line du	(1) Reaso ple Reaso urces that	Resample, list any sou	Report bmitted liple samp	submitted Re	Original or Res	Routine or pecial Sample
Routine or pecial Sample	racted? (Y/N) N red Lab Sample ID/ 216 169762102 216 169762102 2s estimated (J) values.	Subcontracted Date Analyzed 12/8/2016	(2) C	(F)Inished submitted Reposion out Correction ring collection.)	▼ (S)ingle [f.res If.res If res I	(1) Reaso ple Reaso urces that	Resample, list any sou	bmitted iple samp	☐ Resub Ianifold/Multip	Original or Res	Routine or pecial Sample
Reputine or period Sample Griginal or Resubmitted Resample Reanalysis Report Correction	racted? (Y/N) N red Lab Sample ID: 216 169762102 216 169762102 as estimated (J) values.	Subcontracted Date Analyzed 12/8/2016	(2) C	sion port Correction ring collection.)	n for Resubmiss analysis Rep were on-line du	ple Rea	Resample, list any sou	bmitted iple samp	☐ Resub Ianifold/Multip	[2] Original	pecial Sample
RS	racted? (Y/N) N red Lab Sample ID/ 016 169762102 016 169762102 s estimated (J) values.	Subcontracted Date Analyzed 12/8/2016		ring collection.)	were on-line du	urces that	ple, list any sou	iple samp	lanifold/Multip	✓ Original - (Such as, if a Ma	anc □ ee
SAMPLE NOTES - (Such as, if a Manifold/Multiple sample, list any sources that were on-line during collection.) II. ANALYTICAL LABORATORY INFORMATION: Primary Lab MA Cert. #: M-MA009 Primary Lab Name: Barnstable County Health Laboratory Subcontracted? Analysis Lab MA Cert. #: Analysis Lab Name: CONTAMINANT Result UOM MCL MDL MRL Lab Method Date Analyzed CONTAMINANT Result UOM MCL MDL BERCHLORATE ND Ug/L 2.0 0.050 1.0 EPA 314.0 12/8/2016 EPA 00000000000000000000000000000000000	racted? (Y/N) N red Lab Sample ID/ 016 169762102 016 169762102 s estimated (J) values.	Subcontracted Date Analyzed 12/8/2016		aith Laboratory		KIRLAND.	. •4.84844,4++.31			- (Such as, if a Ma	SAMPLE NOTES
II. ANALYTICAL LABORATORY INFORMATION: Primary Lab MA Cert. #: M-MA009 Primary Lab Name: Analysis Lab MA Cert. #: Analysis Lab Name: CONTAMINANT Result UOM MCL MDL MRL Lab Method Date Analyzed TERCHLORATE ND ug/L 2.0 0.050 1.0 EPA 314.0 12/8/2016 ENONDUCTIVITY 190 umhos/cm 1.0 2.0 EPA 120.1 12/8/2016 Perchlorat analysisrequires the use of a Massachusetts DEP approved laboratory. Perchlorate concentrationsbetween the Minimum Detection Limit (MDL) and the Minimum Reporting Lavel (MRL) must be reported as estima (i.e. perchlorate is positively present but tentatively quantified). Alf field samples with measured native perchlorate concentrations between 0.8 ug/L and 2.0 ug/L must be tested with and without a perchlorate proximately equal to the native perchlorate concentration. Compound Result (ug/L) MDL (ug/L) MRL (ug/L) Spike Concentration Spike Recovery Lab Method (ug/L) % Perchlorate (Reanalysis) Perchlorate (Spike) Primary Lab Director Signature: Primary Lab Director Signature: Date: 124/21	racted? (Y/N) N red Lab Sample ID/ 016 169762102 016 169762102 s estimated (J) values.	Subcontracted Date Analyzed 12/8/2016		aith Laboratory		KIRLAND.	. •4.84844,4++.31				
CONTAMINANT Result UOM MCL MDL MRL Lab Method Date Analyzed	016 169762102 016 169762102 s estimated (J) values.	12/8/2016	od	a salah sasaran sasar				Primary l	A009 F	Cert. #: M-M/	Primary Lab MA (
Perchlorate ND ug/L 2.0 0.050 1.0 EPA 314.0 12/8/2016 DONDUCTIVITY 190 umhos/cm - 1.0 2.0 EPA 120.1 12/8/2016 Perchlorat analysisrequires the use of a Massachusetts DEP approved laboratory. Perchlorate concentrationsbetween the Minimum Detection Limit (MDL) and the Minimum Reporting Lavel (MRL) must be reported as estimation, perchlorate is positively present but tentatively quantified). All field samples with measured native perchlorate concentrations between 0.8 ug/L and 2.0 ug/L must be tested with and without a perchlorate proximately equal to the native perchlorate concentration. LAB SAMPLE NOTES Reanalysis and Spike Recovery (required for results between 0.8 ug/L and 2.0 ug/L or samples subject to pretreatment in method E Compound Result (ug/L) MDL (ug/L) MRL (ug/L) Spike Concentration Perchlorate (Reanalysis) Perchlorate (Spike) I certify, under penalties of law, that I am the person authorized to fill out this form, and the information contained herein is true, accurate, and complete to the best Primary Lab Director Signature: Date: /2//2/	169762102 s estimated (J) values.			Lab Metho	MRL		MDL	MCI	I IOM		
Perchlorate analysis requires the use of a Massachusetts DEP approved laboratory. Perchlorate concentrations between the Minimum Detection Limit (MDL) and the Minimum Reporting Lavel (MRL) must be reported as estimated (i.e., perchlorate is positively present but tentatively quantified). All field samples with measured native perchlorate concentrations between 0.8 ug/L and 2.0 ug/L must be tested with and without a perchlorate approximately equal to the native perchlorate concentration. LAB SAMPLE NOTES Reanalysis and Spike Recovery (required for results between 0.8 ug/L and 2.0 ug/L or samples subject to pretreatment in method E Compound Result (ug/L) MDL (ug/L) MRL (ug/L) Spike Concentration Spike Recovery (required for results between 0.8 ug/L and 2.0 ug/L or samples subject to pretreatment in method E Compound Result (ug/L) MDL (ug/L) MRL (ug/L) Spike Concentration Spike Recovery (ug/L) % I certify, under penalties of law, that i am the person authorized to fill out this form, and the information contained herein is true, accurate, and complete to the best Primary Lab Director Signature: Date: /2//2/	s estimated (J) values.	12/8/2016		EPA 314.0	1.0	V 42 (24) 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	The state of the section of	2 3 4 4 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		e field an investment of the
Perchlorate analysis requires the use of a Massachusetts DEP approved laboratory. Perchlorate concentrations between the Minimum Detection Limit (MDL) and the Minimum Reporting Lavel (MRL) must be reported as estimated in perchlorate is positively present but tentatively quantified). All field samples with measured native perchlorate concentrations between 0.8 ug/L and 2.0 ug/L must be tested with and without a perchlorate approximately equal to the native perchlorate concentration. LAB SAMPLE NOTES Reanalysis and Spike Recovery (required for results between 0.8 ug/L and 2.0 ug/L or samples subject to pretreatment in method E Compound Result (ug/L) MDL (ug/L) MRL (ug/L) Spike Concentration Spike Recovery Lab Method Perchlorate (Reanalysis) Perchlorate (Spike) I certify, under penalties of law, that I am the person authorized to fill out this form, and the information contained herein is true, accurate, and complete to the best Pate: 12 1/2 1/2 1	s estimated (J) values.			EPA 120.1	2.0		10	4754 48420			
Reanalysis and Spike Recovery (required for results between 0.8 ug/L and 2.0 ug/L or samples subject to pretreatment in method E Compound Result (ug/L) MDL (ug/L) MRL (ug/L) Spike Concentration (ug/L) % Perchlorate (Reanalysis) Perchlorate (Spike) I certify, under penalties of law, that I am the person authorized to fill out this form, and the information contained herein is true, accurate, and complete to the best Primary Lab Director Signature: Date: 12 1/2 1/2		Without a poromi) With and		area a salabara da Wa		ntrations between	te concer	ve nerchlorat	ith moseured nativ	
Compound Result (ug/L) MRL (ug/L) Spike Concentration (ug/L) % Perchlorate (Reanalysis) Perchlorate (Spike) I certify, under penalties of law, that I am the person authorized to fill out this form, and the information contained herein is true, accurate, and complete to the best Primary Lab Director Signature: Date: /2//2/	ethod EPA 314.0)	ment in method	pretrea					results b	equired for		7- 0-3-2
Reanalysis) Perchlorate (Spike) I certify, under penalties of law, that I am the person authorized to fill out this form, and the information contained herein is true, accurate, and complete to the best Primary Lab Director Signature: Date: /2//2/	od Date Analyze	Lab Method	overy	Chille 11000	OUCHINIANO	: I Spike (MRL (ug/L)				Compound
I certify, under penalties of law, that I am the person authorized to fill out this form, and the information contained herein is true, accurate, and complete to the best Primary Lab Director Signature: Date: 12/12/											
contained herein is true, accurate, and complete to the see.											
extent of my knowledge. If not submitting these results electronically, mail <u>TWO</u> copies of this report to your DEP Regional Office no later than 10 days after the en which you received this report, or no later than 10 days after the end of the reporting period, whichever is sooner.	er the end of the month	10 days after the	ater than	Date:			best	ntormation te to the L	m, and the in and complete	d to fill out this forn Is true, accurate, a wledge.	person authorized contained herein extent of my know



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Perchlorate Report I. PWS INFORMATION: Please refer to your DEP Water Quality Sampling Schedule (WQSS) to help complete this form City / Town: Dayville PWS ID #: NTNC [TNC \Box COM V PWS Class: Microbac Laboratory, LLC **PWS Name:** Collected By Sample Information **Date Collected DEP Location Name** DEP LOCATION (LOC) ID# R)aw (M)ultiple Customer 12/1/2016 (F)inished E612105-3 (S)ingle If resubmitted Report, list below: Original or Resubmitted Report (2) Collection Date of Original Sample Routine or (1) Reason for Resubmission Special Sample 🔲 Resample 🔲 Reanalysis 🗍 Report Correction Resubmitted ✓ Original ✓ RS □ SS SAMPLE NOTES - (Such as, if a Manifold/Multiple sample, list any sources that were on-line during collection.) II. ANALYTICAL LABORATORY INFORMATION: Subcontracted? (Y/N) Ν Barnstable County Health Laboratory Primary Lab Name: M-MA009 Primary Lab MA Cert. #: Analysis Lab Name: Analysis Lab MA Cert. #: Lab Sample ID# **Date Analyzed** Lab Method MRL MDL MCL UOM Result CONTAMINANT 169762103 12/8/2016 EPA 314.0 1.0 2.0 0.050 ug/L ND PERCHLORATE 12/8/2016 169762103 EPA 120.1 2.0 1.0 420 umhos/cm CONDUCTIVITY Perchlorat analysisrequires the use of a Massachusetts DEP approved laboratory. Perchlorate concentrationsbetween the Minimum Detection Limit (MDL) and the Minimum Reporting Lavel (MRL) must be reported as estimated (J) values. (i.e ,perchlorate is positively present but tentatively quantified). All field samples with measured native perchlorate concentrations between 0.8 ug/L and 2.0 ug/L must be tested with and without a perchlorate spike approximately equal to the native perchlorate concentration. LAB SAMPLE NOTES Reanalysis and Spike Recovery (required for results between 0.8ug/L and 2.0 ug/L or samples subject to pretreatment in method EPA 314.0) Date Analyzed Spike Recovery Spike Concentration MRL (ug/L) MDL (ug/L) Result (ug/L) Compound (ug/L) Perchlorate (Reanalysis) Perchlorate (Spike) Primary Lab Director Signature: I certify, under penalties of law, that I am the person authorized to fill out this form, and the information contained herein is true, accurate, and complete to the best Date: extent of my knowledge.

If not submitting these results electronically, mail TWO copies of this report to your DEP Regional Office no later than 10 days after the end of the month in which you received this report, or no later than 10 days after the end of the reporting period, whichever is sooner.

which you received this report, or ric	- I aler than 10 days a	☐ WQTS
DEP REVIEW STATUS (Initial and Date)	Review	Data Entered
☐ Accepted ☐ Disapproved	Comments	





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	MATION: Please										,
PWS ID #:				City / Town:	Dayville PWS Class:	COM	V	NTNC	\Box	TNC	\Box
PWS Name:	Micro	bac Laborato					ollected	one i se se se se	Collect	an window	 []]
DEP LOCATION (LOC) ID#		DEP Location	Name		Information	Date C	,Ollected				
	E612105-4			☐ (M)ultiple ✓ (S)ingle	(F)inished		1/2016 love	Cust	lomer	WW CVS	
Routine or Special Sample	Original or Res	submitted Repo		(1) Reason for Resub		(2) C	ollection	Date of	Origina	Samp	Θ
RS SS	✓ Original	Resubmit	ted Resam	ple 🗌 Reanalysis 🗌	Report Correction		ere en er er	or specify an		Tekniky.	
SAMPLE NOTE	S - (Such as, if a M	anifold/Multiple	sample, list any so	ources that were on-line	during collection.)	480.60	White ship	Januaren Japan	dus bijiste		
II. ANALYTIC Primary Lab MA Analysis Lab MA		NO09 Prin	'ION: nary Lab Name: lysis Lab Name:	Barnstable County	Health Laboratory		Subco	ontracte	d? (Y/N) 1	1
		UOM	MCL MDL	MRL	Lab Method		Date Ana	alyzed	Lab S	ample	D#
CONTAMINANT	ND	ug/L	2,0 0.050	1.0	EPA 314.0		12/8	/2016	16	976210	4
ONDUCTIVITY	440	umhos/cm	- 1.0	2.0	EPA 120.1		12/8	/2016	16	976210	4
Perchlorate conce	entrationsbetween the	e Minimum Del out tentatively que e perchlorate co	ncentrations betw	laboratory. and the Minimum Repeen 0.8 ug/L and 2.0 u							s. ,
Perchlorate conce (i.e. ,perchlorate is All field samples v approximately equ	entrationsbetween the positively present the present the present the present the present the present to the native persent to the native persent to the present th	e Minimum Del out tentatively que e perchlorate co	ection Limit (MDL) uantified). nocentrations betw	and the Minimum Rep							8. ,
Perchlorate conce (i.e. perchlorate is All field samples vapproximately equal LAB SAMPLE NO	entrationsbetween the positively present but the measured native per the per t	e Minimum Del ut tentatively que e perchlorate co chlorate concen	ection Limit (MDL) uantified). encentrations betweentation. utts between 0.8u	een 0.8 ug/L and 2.0 ug/L or sa	g/L must be tested v	with and	without a	a perchi	epa 31	ike 4.0)	20 M
Perchlorate conce (i.e., perchlorate is All field samples vapproximately equal AB SAMPLE NO	entrationsbetween the positively present but the measured native per the per t	e Minimum Del ut tentatively que e perchlorate co chlorate concen	ection Limit (MDL) uantified). encentrations betweentation. ults between 0.8u	een 0.8 ug/L and 2.0 u	g/L must be tested v	with and	without a	a perchi	epa 31	ike	20 m
Perchlorate conce (i.e ,perchlorate is All field samples vapproximately equ AB SAMPLE NO	entrationsbetween the positively present by the positively present by the positive percent to the native percent to the native percent to the positive percent to the positive percent to the percent to the positive percent to the percent	e Minimum Del ut tentatively que e perchlorate concen chlorate concen quired for resu	ection Limit (MDL) uantified). encentrations betweentation. ults between 0.8u	een 0.8 ug/L and 2.0 ug/L and 2.0 ug/L and 2.0 ug/L or sa	n/L must be tested with the mu	with and	without a	a perchi	epa 31	ike 4.0)	20 M
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PWS ID #:	[Microb	ac Laborat	orv. L	LC			WS Class:	COM	\checkmark	NTNC		TNC	
PWS Name:			EP Locatio	NO. 1 1. 1845	and the trivial of the U.S.	s	ample li	nformation	Date C	ollected		Collec	ted By	
EP LOCATION (LOC) ID#			/Er Localio			(M)	ultiple	(R)aw	12/	1/2016	Cust	tomer	A. P. S. B.	deleti. To
	E612105-5					☑ (S)	ingle	(F)inished	ort list be	low:				
Routine or pecial Sample	Original o	r Resul	bmitted Rep	ort		1) Reason for R	esubmi	ssion	(2) C	ollection	Date of	Origina	al Samp	le
. De □ SS	✓ Original	[Resubm	itted				port Correction	1 (8 1 E)		(13)12 W		je ej ve tr	
SAMPLE NOTES	S - (Such as, i	f a Mani	ifold/Multiple	e samp	le, list any sou	rces that were o	n-line d	uring collection.)	1991 13 124	A VIVI		· · · · · · · · · · · ·		
II. ANALYTICA	,	TORY M-MA0	09 Pri	lmary l	Lab Name:	Barnstable C	ounty H	ealth Laboratory			ontracte			N
Analysis Lab MA	Cert.#:		An	alysis	Lab Name:					Date An	ahzad	J	Sample	ID#
CONTAMINANT	Resu	lt	UOM	MCL	MDL		RL	Lab Metho)Q	14 - 41-1, 51-45	3/2016		6976210	
ERCHLORATE	N	1D	ug/L	2.0	0.050	1.0		EPA 314.0			3/2016		697621	
ONDUCTIVITY	4	10	umhos/cm	1.2	1.0	2.0		EPA 120.1		1400				
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PWS ID #:				City / Tow	1: D	ISS) to help co ayville						
PWS Name:	Micro	bac Laborato	y, LLC			WS Class:	COM	\checkmark	NTNC		TNC	
DEP LOCATION		DEP Location		Sa	mple Int	formation	Date C	ollected		Collec	ted By	
(LOC) ID#					SE SE	(R)aw				s Calaba (1918)		25-52
	E612105-6			(₩). [v] (S)ii	iltiple igle	(F)inished	12/1	/2016	Cus	tomer		
Routine or	Original or Res	ubmitted Repor	till Research			submitted Repo	t, list bel	ow: ollection	Dete of	f Origin	al Samo	ها
Special Sample				(1) Reason for Re			(2) (2)	Mection	Date O	Chgiis	ai Oamp	
ZRS □ SS	✓ Original	Resubmitt	· I—	ple 🔲 Reanalysis				18 18 E			. 3.3.3	
SAMPLE NOTES	3 - (Such as, if a Ma	nifold/Multiple s	ample, list any so	urces that were o	1-line au	ring collection.			-	- 14,		<u> </u>
·						a unu escal i dua al SeréAltra	satas i a estabat	egerászát az es	25. HEQW	1 1 11 13	T. 1081544	ij. Se
II. ANALYTICA	LABORATORY	INFORMAT	ON:				usaniyada —————	Mystus Da		Esta Pin		engelen. •
Primary Lab MA	Cert. #: M-MA	.009 Prim	ary Lab Name:	Barnstable Co	unty He	alth Laboratory		Subco	ntracte	9d7 (Y/I	N) 1	4
Analysis Lab MA	Cert. #:	Anal	ysis Lab Name:									
CONTABINANT	Result	UOM I	MCL MDL	ME	Ļ	Lab Metho	1 [ate Ana	lyzed	Lab	Sample	ID#
CONTAMINANT	ND	1 T.F 115 W. A.	2.0 0.050	1.0		EPA 314.0		12/8	/2016	10	976210	6
PERCHLORATE			Arriva Historia	2.0		EPA 120.1		12/8	/2016	1	6976210	16
ONDUCTIVITY	1,200	umhos/cm	1.0									
	al to the native perci	hiorate concent	ration.			must be tested						
approximately equ	al to the native perci	niorate concent	ration.		anti-			skerte di india				
	al to the native perci	hiorate concent	ration.									
LAB SAMPLE NOT	al to the native perci	niorate concent	Take Name of the									
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PWS ID #:				City	/Town:	ayville						
PWS Name:	Micro	bac Laborato	ry, LLC		F	WS Class:	COM	✓ N	TNC		TNC	
EP LOCATION (LOC) ID#		DEP Location	Name			nformation	Date C	ollected		Collect	ed By	
	E612105-7B	· · ·			(M)ultiple ✓ (S)ingle	(R)aw (F)inished		/2016	Cust	omer		f 15 d-
Routine or pecial Sample	Original or Res	ubmitted Repo			on for Resubmis		, list belo (2) Co	ow: illection D	ate of	Origina	l Samp	е
RS SS	✓ Original	Resubmit	- I—		eanalysis 🔲 Re					7 7 7 1 A	राज करावका	25-20
SAMPLE NOTE	S - (Such as, if a Ma	nifold/Multiple	sample, list any so	ources tha	t were on-line d	uring collection.)	jeta a Mila		in in the second	<u> </u>	180 Tu V	Ports.
II. ANALYTICA	AL LABORATORY	_	ION: nary Lab Name:		stable County H	ealth Laboratory		Subcon			(10) (10)) N	ि ।
Analysis Lab MA			lysis Lab Name:									
CONTAMINANT	Result	UOM	MCL MDL		MRL	Lab Method	D	ate Analy	zed	Lab S	ample l	D#
ERCHLORATE	ND	ug/L	2.0 0.050)	1.0	EPA 314.0		12/8/2	016	169	976210	7
ONDUCTIVITY	430	umhos/cm	- 1.0		2.0	EPA 120.1		12/8/2	016	169	976210	7
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Chain of Custody 530851-60

For: Barnstable County Lab 3195 Main St Barnstable, MA 02630



Billing Information Project Information	Microbac Laboratory, Inc. State Certification: MA DEP 61 Louisa Viens Drive Dayville, CT 06241 Project Manager: EMail: krysti:skidgell@microbac.com Phone: 860-774-6814	Fax: Due Date:	Date Collected Collected Cont. Type Cont. Type Cont. Diy	AQ	Specific Conductance by EPA 120.1	12/1/2016 10:59 W AQ 1 None Perchlorate by Method 314.0	12/1/2016 10:50 W AQ 1 None Perchlorate by Method 314.0	Specific Conductance by EPA 120.1	12/1/2016 10:40 W AQ 1 None Perchlorate by Method 314.0	Specific Conductance by EPA 120.1	12/1/2016 11:10 W AQ 1 None Perchlorate by Method 314.0	12/1/2016 10:30 W AQ 1 None Perchlorate by Method 314.0		12/1/2016	
Report to	Microbac Laboratory, Inc. 61 Louisa Viens Drive Dayville, CT 06241	Email Reports and Invoices to datareporting@premierlaboratory.com	Sample Identification	E612105-1B		E612105-2B	E612105-3		E612105-4		E612105-5	E612105-6		E612105-7B	

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	Notify Premier Laboratory of any MCL exceedances with 24 hours of obtaining valid data.		°C Upon Receipt at LAB
	excee	e):	
	y of any MCL	Conditions Upon Receipt (Check One)	Ambient
	borator ta.	Recei	
ents:	Notify Premier Labo obtaining valid data.	ions Upon	Cooled
Comments:	Notify P obtainir	Condit	
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Date	2-6-16	, t (&	

Custody Transfer

Sampler.

Received:
Relinquished:
Received:
Relinquished:
Relinquished:

Webster Water Department

38 Hill Street Webster, M4 01570 (508) 949-3861

PWS I.D. #2316000 Community

E612105

STOUGO COMMUNE

Was the sample collected after treatment? yes/no

Sampler (Signature)

Is the Source treated? yes/no

12 - 1 - 16 2016 Date Collected

> Joe Patterson Sampler (Printed)

								Analysis	/sis				
Location ID	Location ID Sample Type		Sample Location	Time	9.4	пМ	 etroldorate		ALMAN DE LETTE DE LE		d		rine Residua
							d				Teml	Hq	СРЮ
PT	Multi	Memorial Bea	Memorial Beach Sta #1 Multi	10:104	×	×	×				134	h51	617
RW	04G	Sta #1 Well #1	1	10:59A	X	×	X				17,0	05'9	KAU
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RW	990	Sta #1 Well #3		404:01			X				14,5		RAW
RW	07G	Sta #1 Well #4		11:10 0			X				14.6	6.06	RAW
RW	580	Sta #1 Well #5		10:30			X				13,2	78'9	RAW
PT	Finished	Sta #3 Bigelow	Sta #3 Bigelow Rd. (Finished) (03G)	1,200		×	X				11,9	181	0.96
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			CUSTODY	DY TRANSFER	SFER		DATE	TE		TIME			
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Premier Laboratory, Inc.

Phone: 1-800-334-0103 Fax: 860-774-2689

PRESERVATIVE VERIFIED CITIENS